



Line Leak Detection Interstitial Monitoring Test Reporting Requirements for the Veeder-Root TLS-4 and TLS-450 ATG System

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RESOURCES

More information on applicable Wisconsin laws can be found at these links:

Wis. Admin. Code § ATCP 93.510

https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93/V/510

Wis. Admin Code § ATCP 93.515

https://docs.legis.wisconsin.gov/code/admin_code/atcp/090/93/V/515

Materials Approval Page

https://datcp.wi.gov/Pages/Programs_Services/MaterialApprovalsLeakDetection.aspx

Veeder-Root

<http://www.veeder.com/us/>

Approval #20130002

<https://datcp.wi.gov/Documents/TCP-WM-MA-20130002.pdf>

When to submit your test results

- When renewing your annual Permit-to-Operate the owner/operator must supply the department with passing test reports of the 3 most current consecutive months of testing, and each test must be 28-32 days apart. For example, if your first test was June 1, the second test must be July 1, and the third test must be on August 1.
- When an inspection is conducted by the State of Wisconsin, at least 12 months of test reports must be available for review by a state inspector.
- Below is an example of the line leak detection interstitial monitoring printout for the Veeder-Root TLS-4 and TLS-450 ATG system. You are required to submit the test report when renewing your annual permit to operate.

NOV 17, 2009 9:45 AM		
SIMSBURY LAB UNIT		
VEEDER-ROOT		
WORLD HEADQUARTERS		
SENSOR STATUS REPORT - ALL SENSORS		
#	SENSOR LOCATION	STATUS
MS 1		NORMAL
MS 2		NORMAL
MS 3		NORMAL

If you have questions about how your Veeder-Root ATG system works please contact your service company or [Veeder-Root](http://www.veeder.com/us/) directly. You can also find further information about your specific leak detection equipment on the materials approval page of our [website](https://datcp.wi.gov/Documents/TCP-WM-MA-20130002.pdf). The Veeder-Root material approval number is [20130002](https://datcp.wi.gov/Documents/TCP-WM-MA-20130002.pdf).

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Leak detection FAQs:

- *What is leak detection?*
“Leak Detection” means determining whether a discharge of regulated substance has occurred from a storage tank system into the environment or into the space between the tank and its secondary barrier or containment.
- *What is “ATG”?*
“Automatic Tank Gauging” (ATG) or “Automatic Leak Detection” means a leak detection or monitoring system that will provide continuous 24-hour monitoring for the detection of a release or leak of vapor or product and will immediately communicate the detection of the release or leak to an electronic signaling device.
- *What is Interstitial Monitoring*
[Wisconsin Administrative Code §§ ATCP 93.510](#) and [93.515](#) require all new and existing underground tank piping systems which store regulated substances to be provided with a method of leak detection. One of the acceptable methods of leak detection is interstitial monitoring.

Interstitial monitoring is a leak detection method that entails the surveillance of the space between the piping systems wall and the secondary containment system, for a change in steady-state conditions.

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